

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	199	vacuum and (camshaft or cam\$1shaft) and valve and (solenoid or proportional or hydraulic\$4 or spool) and pressur\$3	US-PGPUB	OR	ON	2005/06/23 12:08
L2	3	(vacuum and (camshaft or cam\$1shaft) and valve and (solenoid or proportional or hydraulic\$4 or spool) and pressur\$3).clm.	US-PGPUB	OR	ON	2005/06/23 12:11
L3	12	(vacuum and (camshaft or cam\$1shaft) and valve and (solenoid or proportional or hydraulic\$4 or spool) and pressur\$3).clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/23 12:12
S1	40	palesch-edwin.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/06 16:00
S2	80	trzmiel-alfred.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/06 16:00
S3	3	"4854649"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/14 17:20
S4	2	"5174635"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/14 17:20
S5	5	"5799694"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/14 17:20
S6	1	(US-20040187817-\$).did.	US-PGPUB	OR	ON	2004/10/18 10:36
S7	1	S6 and pump with solenoid	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/18 10:42
S8	1	S6 and work adj connector with solenoid	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/18 10:46
S9	1	S6 and pressure adj element	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/18 11:15

S10	1	S6 and vacuum	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/18 12:25
S11	1	(US-20040187817-\$).did.	US-PGPUB	OR	ON	2004/10/18 12:26
S12	1	S11 and supply adj opening	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/18 12:31
S13	1	S11 and seal same (supply or connector)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/18 12:32
S14	1	S11 and seal	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/18 12:32
S15	1	S11 and seal\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/18 15:42
S16	1	S11 and auxiliary	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/18 12:55
S17	5996	123/90.12,90.15-90.18,90.27,90.31.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/18 15:43
S18	403	123/499.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/18 15:44
S19	363	251/30.01.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/18 15:44
S20	1432	91/364,365,374,378,385,387.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/18 15:45
S21	1388	303/116.1,10,12,dig10.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/18 15:45
S22	2529	417/413.1,413.2,418,474,476,490,493-495.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/20 17:13

S23	0	S17 and S18	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/18 15:48
S24	16	S17 and S19	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/18 15:49
S25	1	S17 and S20	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/18 15:49
S26	0	S17 and S21	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/18 15:50
S27	1	S17 and S22	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/18 15:51
S28	0	S18 and S19	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/18 15:51
S29	0	S18 and S20	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/18 15:51
S30	0	S18 and S21	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/18 15:51
S31	8	S18 and S22	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/18 15:57
S32	1	S19 and S20	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/18 15:57
S33	0	S19 and S21	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/18 15:57
S34	1	S19 and S22	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/18 15:58

S35	0	S20 and S21	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/18 15:58
S36	1	S20 and S22	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/18 15:59
S37	1	S21 and S22	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/18 16:00
S38	17341	solenoid near2 valve with pump\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/18 16:18
S39	157	S38 and pressure adj chamber with vacuum	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/18 16:01
S40	12081	S17 or S18 or S19 or S20 or S21 or S22	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/18 16:01
S41	17	S39 and S40	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/18 16:07
S42	23	S39 and (deform\$4 or elastic\$4 or flexib\$5) near2 (diaphragm or plate or disc or disk or membrane or member)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/18 16:10
S43	59	solenoid near2 valve with pump\$3 same (deform\$4 or elastic\$4 or flexib\$5) near2 (diaphragm or plate or disc or disk or membrane or member)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/20 17:12
S44	7	S40 and S43	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/18 16:18
S45	642	solenoid near2 valve same (deform\$4 or elastic\$4 or flexib\$5) near2 (diaphragm or plate or disc or disk or membrane or member)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/18 16:26
S46	22	S40 and S45	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/18 16:27

S47	1749	(linear or electric\$4 or slide or control) near2 valve with (deform\$4 or elastic\$4 or flexib\$5) near2 (diaphragm or plate or disc or disk or membrane or member)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/18 16:36
S48	33	S40 and S47	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/18 16:36
S49	32	S48 not S46	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/18 16:37
S50	2062	(solenoid or spool or linear or electric\$4 or slide or control) near2 valve with (deform\$4 or elastic\$4 or flexib\$5) near2 (diaphragm or plate or disc or disk or membrane or member)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/19 10:32
S51	55	S40 and S50	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/18 16:36
S52	13	S51 not (S46 or S49)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/18 16:37
S53	143	((solenoid or spool or linear or electric\$4 or slide or control) near2 valve with (deform\$4 or elastic\$4 or flexib\$5) near2 (diaphragm or plate or disc or disk or membrane or member)) same chamber with vacuum	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/19 11:09
S54	99	S53 and ("123"/\$ or "251"/\$ or "91"/\$ or "303"/\$ or "417"/\$).cccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/19 11:10
S55	57	((solenoid or spool or linear or electric\$4 or slide or control) near2 valve with (deform\$4 or elastic\$4 or flexib\$5) near2 (diaphragm or plate or disc or disk or membrane or member)) same chamber near3 (fluid\$5 or hydraulic\$4 or pressur\$4) with vacuum	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/19 11:12
S56	43	S55 and ("123"/\$ or "251"/\$ or "91"/\$ or "303"/\$ or "417"/\$ or "60"/\$).cccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/19 11:11

S57	2	S56 not S54	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/19 11:11
S58	11	((solenoid or spool or linear or electric\$4 or slide or control) near2 valve with (deform\$4 or elastic\$4 or flexib\$5) near2 (diaphragm or plate or disc or disk or membrane or member)) same chamber near3 (fluid\$5 or hydraulic\$4) with vacuum	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/19 11:12
S59	9394	pump\$3 same (deform\$4 or elastic\$4 or flexib\$5) near2 (diaphragm or plate or disc or disk or membrane or member)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/20 17:33
S60	1378	417/569-571.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/20 17:13
S61	2529	417/413.1,413.2,418,474,476,490,493-495.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/20 17:13
S62	58	S60 and S61	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/20 17:14
S63	5	S59 and S62	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/20 17:14
S64	3	S63 and vacuum	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/20 17:14
S65	45	pump\$3 same ((deform\$4 or elastic\$4 or flexib\$5) near2 (diaphragm or plate or disc or disk or membrane or member)) same (pressur\$3 near2 chamber) same (vacuum near2 chamber)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/20 17:36
S66	3849	S60 or S61	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/20 17:35
S67	2	S65 and S66	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/20 17:35

S68	3	(US-4854649-\$ or US-5174635-\$ or US-5799694-\$).did.	USPAT	OR	ON	2004/10/28 15:14
S69	0	S68 and (flexib\$5 or bend\$4 or deform\$4 or elastic\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/28 15:15
S70	1386	(flexib\$5 or bend\$4 or deform\$4 or elastic\$4) near2 (plate or membrane or member or cover\$3 or diaphragm or disc or disk) with (piston or rod or plunger or spool) same pump	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/28 15:22
S71	47	(flexib\$5 or bend\$4 or deform\$4 or elastic\$4) near2 (plate or membrane or member or cover\$3 or diaphragm or disc or disk) with (piston or rod or plunger or spool) same pump same solenoid	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/28 15:22
S72	5	(flexib\$5 or bend\$4 or deform\$4 or elastic\$4) near2 (plate or membrane or member or cover\$3 or diaphragm or disc or disk) with (piston or rod or plunger or spool) same pump same solenoid same vacuum	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/28 15:41
S73	37	(flexib\$5 or bend\$4 or deform\$4 or elastic\$4) near2 (plate or membrane or member or cover\$3 or diaphragm or disc or disk) with (piston or rod or plunger or spool) same solenoid same vacuum	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/28 15:25
S74	294200	("123"/\$ or "251"/\$ or "417"/\$). ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/28 15:26
S75	17	S73 and S74	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/28 17:56
S76	100	(flexib\$5 or bend\$4 or deform\$4 or elastic\$4) near2 (plate or membrane or member or cover\$3 or diaphragm or disc or disk) with (piston or rod or plunger or spool) same pump same vacuum	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/28 15:42
S77	31	S74 and S76	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/28 15:43
S78	3	(US-4854649-\$ or US-5174635-\$ or US-5799694-\$).did.	USPAT	OR	ON	2004/10/28 17:26

S79	0	S78 and vacuum	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/28 17:26
S80	37	(flexib\$5 or bend\$4 or deform\$4 or elastic\$4) near2 (plate or membrane or member or cover\$3 or diaphragm or disc or disk) with (piston or rod or plunger or spool) same solenoid same vacuum	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/28 17:56
S81	294200	("123"/\$ or "251"/\$ or "417"/\$). cccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/28 17:56
S82	17	S80 and S81	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/28 17:56
S83	7	S82 and seal\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/28 17:57
S84	622	hydraulik-\$.as.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/22 16:38
S85	59	S84 and ("123"/\$ or "251"/\$).cccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/22 16:55
S86	40	((camshaft or cam\$1shaft) with (start\$3 near2 position\$3)) same (solenoid or spool or proportional or hydraulic)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/22 17:33
S87	18	((camshaft or cam\$1shaft) with (start\$3 near2 position\$3)) with (solenoid or spool or proportional or hydraulic)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/22 17:28
S88	22	S86 not S87	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/22 17:07
S89	66	(start\$3 near2 position\$3) with (solenoid or spool or proportional or hydraulic) same vacuum	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/22 17:29
S90	4	((camshaft or cam\$1shaft) with (start\$3 near2 position\$3)) same (solenoid or spool or proportional or hydraulic) same vacuum	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/22 17:35

S91	10	((camshaft or cam\$1shaft) with (start\$3 near2 position\$3)) same vacuum	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/22 17:34
S92	45	(camshaft or cam\$1shaft) same (solenoid or spool or proportional or hydraulic) same vacuum	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/22 17:36
S93	1994	123/90.17.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/23 10:26
S94	193	S93 and start\$3 near3 position\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/23 10:27
S95	48	S93 and ((start\$3 near3 position\$3) with (solenoid or spool or proportional or hydraulic\$4))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/23 10:28
S96	30	S95 and pump\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/23 10:33
S97	6	S95 and vacuum	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/23 10:35
S98	11	S94 and vacuum	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/23 10:35
S99	5	S98 not S97	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/23 12:06